



## WASTEWATER DIVISION

### MCUA'S Industrial Pretreatment Program Continues its Mission of Compliance and Awareness

The Middlesex County Utilities Authority Industrial Pretreatment Program (IPP) received its approval from the New Jersey Department of Environmental Protection (NJDEP) on June 6, 1984. The MCUA IPP is the Delegated Local Agency (DLA) to enforce Federal, State, and local rules and regulations under the direction of the NJDEP. This approval requires the MCUA to implement an IPP to monitor and enforce discharge standards for the industrial waste discharges within its service area of Middlesex County, and parts of Somerset and Union Counties. The MCUA IPP is required to perform at least one inspection and sampling of those Significant Industrial Users (SIUs) that have been permitted by the program annually. Currently, IPP monitors and inspects more than one hundred SIUs in the required annual reporting period. Through the issuance of permits, notices of violations, and enforcement actions, the MCUA IPP has proven to be an effective means of controlling and reducing priority pollutants entering the MCUA Treatment Works.

Furthermore, the MCUA IPP visibility in the industrial community has led to an increased awareness of the impact industrial wastes can have on a POTW. Reduction of pollutants has also improved treatment performance beyond what would be possible via operational changes.

#### John Wiley Re-elected as MCUA Chairman



The Middlesex County Utilities Authority (MCUA) Board of Commissioners and staff wish to congratulate Commissioner John F. Wiley on his recent re-election as Chairman of the MCUA. John originally joined the MCUA Board in 1993 and served for many years as the Board's Vice Chairman. He was re-elected Chairman during the February 2022 Reorganization Meeting. Former Chairman Ted Light was also re-elected Vice Chairman of the Board of Commissioners.

#### Wastewater Division

#### February 2022

#### Statistics

- Average Influent flow – 115.74 mgd
- Average Effluent TSS – 10 mg/l
- Average Effluent BOD – 10 mg/l
- Biosolids production – 13,697 wet tons of dewatered filter cake. The entire amount was processed through the dryers, resulting in 5,155 wet tons of class A biosolids.
- *Rainfall for the month was 3.56 inches as measured at the Treatment Plant.*

## SOLID WASTE DIVISION

# Contact Stormwater Pond Upgrades Planned



### Solid Waste Division

February 2022

### Tonnage Figures

|      | Monthly<br>Tons | Cumulative<br>Tons |
|------|-----------------|--------------------|
| 2022 | 34,128          | 70,765             |
| 2021 | 25,823          | 60,083             |

**An average of 206 trucks hauled an average of 1,484 tons of waste to the Landfill facility each day.**



The perimeter of the Middlesex County Landfill contains four paved pond areas that collect and pump stormwater, that may have had contact with solid waste, into the Landfill's Leachate Collection System. Currently, each pond has a single pump system. The proposed upgrade will include a duplex pump system, new electric and piping.

Enhanced cleaning and repairs will also be performed, along with a new road drainage system with catch basins and piping to further control any potential runoff from Ramp 2 and direct it towards the Leachate Conveyance System. Design work is nearly complete and the procurement process will begin shortly. Based on budget considerations and pricing the project will likely occur in phases over two years.